

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

- Utility Patent Specification -

Inventor:

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Invention:

**MINIATURE VACUUM CLEANER WITH
GLITTER SAVING ASSEMBLY**

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Description

MINIATURE VACUUM CLEANER WITH GLITTER SAVING ASSEMBLY

Technical Field

5 The present invention relates to special purpose vacuum cleaners and more particularly to a miniature vacuum cleaner with a glitter saving assembly that includes a vacuum generating motor assembly having an air suction intake end; and a filter cover assembly positionable over the air suction intake end of the vacuum
10 generating motor assembly and having a mesh filter holder, a glitter deflector filter holder adapted to hold one of a number of user selectable and installed glitter filters at an angled orientation such that glitter is directed from an installed glitter filter into a glitter collection jar attached to a glitter jaw
15 attachment structure provided through the sidewall of the filter cover assembly; the filter cover assembly further including an elongated tubular vacuum spout having a detachable brush attachment securable to an inlet end thereof; the glitter collection jar being provided with a pour spout lid structure for assisting the
20 user in transferring glitter from the glitter collection jar into a glitter storage container.

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Background Art

Doing craft work with glitter often results in wasted glitter because all of the glitter dispensed does not adhere to the surface to which the user is attempting to attach it. Because a
5 considerable amount of glitter can be lost in this manner, it would be desirable to have a miniature vacuum cleaner that included a glitter saving assembly that would allow the glitter to be vacuumed up and into a collection jar and then transferred into a storage container for use on another craft project.

10 **General Summary Discussion of Invention**

It is thus an object of the invention to provide a miniature vacuum cleaner with glitter saving assembly that includes a vacuum generating motor assembly having an air suction intake end; and a filter cover assembly positionable over the air suction intake end
15 of the vacuum generating motor assembly and having a mesh filter holder, a glitter deflector filter holder adapted to hold one of a number of user selectable and installed glitter filters at an angled orientation such that glitter is directed from an installed glitter filter into a glitter collection jar attached to a glitter
20 jaw attachment structure provided through the sidewall of the filter cover assembly; the filter cover assembly further including an elongated tubular vacuum spout having a detachable brush

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attachment securable to an inlet end thereof; the glitter collection jar being provided with a pour spout lid structure for assisting the user in transferring glitter from the glitter collection jar into a glitter storage container.

5 Accordingly, a miniature vacuum cleaner with glitter saving assembly is provided. The miniature vacuum cleaner with glitter saving assembly includes a vacuum generating motor assembly having an air suction intake end; and a filter cover assembly positionable
10 assembly and having a mesh filter holder, a glitter deflector filter holder adapted to hold one of a number of user selectable and installed glitter filters at an angled orientation such that glitter is directed from an installed glitter filter into a glitter collection jar attached to a glitter jaw attachment structure
15 provided through the sidewall of the filter cover assembly; the filter cover assembly further including an elongated tubular vacuum spout having a detachable brush attachment securable to an inlet end thereof; the glitter collection jar being provided with a pour spout lid structure for assisting the user in transferring glitter

from the glitter collection jar into a glitter storage container.

Brief Description of Drawings

For a further understanding of the nature and objects of the present invention, reference should be made to the following
5 detailed description, taken in conjunction with the accompanying drawings, in which like elements are given the same or analogous reference numbers and wherein:

Figure 1 is a perspective view of an exemplary embodiment of the miniature vacuum cleaner with glitter saving assembly of the
10 present invention.

Figure 2 is a perspective view of a pour spout lid structure for the glitter collection jar.

Figure 3 is a perspective view of the pour spout lid structure attached to the glitter collection jar and being used to direct
15 saved glitter into a glitter storage container.

Exemplary Mode for Carrying Out the Invention

Figures 1-3 show various aspects of an exemplary embodiment of the miniature vacuum cleaner with glitter saving assembly of the present invention generally designated 10. Miniature vacuum
20 cleaner with glitter saving assembly 10 includes a vacuum generating motor assembly, generally designated 12, having an air

suction intake end 14; and a filter cover assembly, generally designated 16, positionable over the air suction intake end 14 of the vacuum generating motor assembly 12.

Filter cover assembly 16 includes a clear plastic housing 18
5 having a mesh filter holder 22, a mesh filter 24 held in the mesh filter holder 22, a glitter deflector filter holder 24 adapted to hold one of a number of user selectable and installed glitter filters 26 at an angled orientation such that glitter 28 to be saved is directed from an installed glitter filter 26 into a
10 glitter collection jar 28 attached to a glitter jaw attachment structure 30 provided through the bottom sidewall 32 of filter cover assembly 16. Filter cover assembly 16 also includes an elongated tubular vacuum spout 36 extending therefrom that is provided with a detachable brush attachment 38 that is securable to
15 an inlet end 40 of the vacuum spout 36.

Glitter collection jar 28 is provided with a pour spout lid 44 that is positioned onto the threaded top opening 48 of glitter collection jar 28 and that includes a pouring spout 50 for assisting the user in transferring glitter from the glitter
20 collection jar 28 into a glitter storage container 52.

It can be seen from the preceding description that a miniature vacuum cleaner with glitter saving assembly has been provided.

It is noted that the embodiment of the miniature vacuum cleaner with glitter saving assembly described herein in detail for exemplary purposes is of course subject to many different variations in structure, design, application and methodology.

5 Because many varying and different embodiments may be made within the scope of the inventive concept(s) herein taught, and because many modifications may be made in the embodiment herein detailed in accordance with the descriptive requirements of the law, it is to be understood that the details herein are to be interpreted as illustrative and not in a limiting sense.